



Saxby Chambliss

UNITED STATES SENATOR

GEORGIA

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FOR IMMEDIATE RELEASE:
Friday, March 5, 2010

Fiscal Year 2011 Federal Funding Requests

WASHINGTON – U.S. Senator Saxby Chambliss, R-Ga., today announced the federal funding requests for Georgia projects he has submitted to the Senate Appropriations Committee.

Requests for each department are listed in alphabetical order. This list will be updated as Sen. Chambliss submits additional requests to the Senate Appropriations Committee.

ARMED SERVICES

Item: Advanced Carbon Hybrid Battery for Hybrid Electric Vehicle
Request: \$2.2 million
Suggested Recipient: Exide Technologies, Milton, GA
Suggested Location of Performance (major portion of the work): Milton, GA and Columbus, GA

Purpose/Project Description: This project would fund the research, development and engineering of advanced storage batteries that are targeted for hybrid electric vehicles, idle reduction commercial vehicles, and military vehicles to support new and expanding mission-critical demands. The resultant Exide produced advanced PbA batteries will enable and enhance affordable reduced fuel consumption vehicles and other “green” initiatives that will result in significant fuel and emission savings in the range of 5 to 15 percent, depending on specific application.

Item: Advanced Trauma Care Simulation for Georgia National Guard “CERFP” Personnel
Request: \$3.5 million
Suggested Recipient: Medical Center of Central Georgia
Suggested Location of Performance (major portion of the work): Medical Center of Central Georgia, Macon, GA

Purpose/Project Description: Because the CBRNE Enhanced Response Force Package (CERFP) concept is relatively new, these teams lack specific training programs geared to domestic disasters. This project will allow Guardsmen and women to maintain a high level of readiness to treat serious trauma injuries while making the most efficient use of their limited training time.

Item: Air Force Supply Chain Innovation Initiative

Request: \$7.9 million

Suggested Recipient: Aging Aircraft Consulting, LLC, Warner Robins, GA

Suggested Location of Performance (major portion of the work): Aging Aircraft Consulting, LLC, Warner Robins, GA / Logistics Specialties, Inc, Layton UT and Oklahoma City, OK / PAL Services, Inc., Richmond, VA

Purpose/Project Description: The Air Force Supply Chain Innovation Initiative (SCII) is designed to markedly improve the manner in which the Global Logistics Support Center (GLSC) carries out its supply chain mission. Through proven collaborative techniques, it establishes a virtual resource comprised of representatives of leading supply chain experts, thought leaders, and innovators across government, industry, academia, and the vendor community. This effort will improve efficiency in Air Force logistics and help meet the needs of our warfighters.

Item: Airlift Maintenance Partnering Development Program

Request: \$3.0 million

Suggested Recipient: Goodrich Corporation

Suggested Location of Performance (major portion of the work): Robins Air Logistics Center, Warner Robins, GA

Purpose/Project Description: This project will create of a Public Private Partnership program with Goodrich Sensors and Integrated Systems (SIS) at Warner Robins ALC for maintenance, repair, and overhaul support and sustain to various airlift aircraft (C-130, C-17, C-5).

Item: Air National Guard (ANG) Joint Threat Emitter (JTE)

Request: \$7.5 million

Suggested Recipient: Savannah Combat Readiness Training Centers (CRTC)

Suggested Location of Performance (major portion of the work): Savannah, GA

Purpose/Project Description: The JTE has the capability to generate six modern threats from one platform and replaces more expensive, single-threat-per-platform units, which are more costly to support and do not have the flexibility to generate modern combat environments. This effort will provide better training for our service members prior to deployment.

Project Name: Army Continuing Education Center

Request: \$12.8 million

Project Location: Hunter Army Airfield, GA

Project Description: This project is required to expand educational opportunities for Soldiers and Families at Hunter AAF. The closest Army education center for HAAF Soldiers and Family Members is 43 miles away at Fort Stewart. HAAF has over 6,700 permanent party Soldiers stationed there with their Family Members.

Project Name: B-2 EHF SATCOM Program

Request: language only
Project Location: Various
Project Description: This language would require the Secretary of the Air Force to initiate a dual track development program for the B-2 Extremely High Frequency (EHF) satellite communications (SATCOM) antenna in order to mitigate performance, schedule, and cost risk.

Item: Biometrics and Forensics
Request: \$2.8 million
Suggested Recipient: Janus Research Group, Inc.
Suggested Location of Performance (major portion of the work): Janus Research Group, Inc., Appling, GA

Purpose/Project Description:
The Army has identified a critical requirement for training support to enhance employment of Biometric and Forensic capability sets. Training support will directly assist our warfighter's capability to employ emerging capability sets, specifically Detainee Information Management System – Fusion (DIMS-F) and Multilingual Automated Registration System (MARS), development of other emerging capabilities, doctrine capturing and detailed training support.

Item: Center for Vaccine Scale-Up/Processes Research
Request: \$1.7 million
Suggested Recipient: Georgia State University, Atlanta, GA
Suggested Location of Performance (major portion of the work): Georgia State University, Atlanta, GA

Purpose/Project Description: Current vaccine manufacturing is based on growing virus in live, fertilized chicken eggs. An alternative in influenza vaccine development using a different kind of process – produced recombinantly in bacteria – is viable and desirable for selected vaccines of military interest. Georgia State University has confirmed that this technology can rapidly produce extremely large quantities of either seasonal flu vaccine doses or H1N1 vaccine doses using modestly sized fermenters within a very short time frame. This funding would develop technologies to rapidly develop recombinant vaccines of interest to the military.

Item: Cognitive Map-Based Modeling and Simulation for Tactical Decision Support
Request: \$2.0 million
Suggested Recipient: Columbus State University
Suggested Location of Performance (major portion of the work): Columbus State University
Purpose/Project Description: This program will benefit the DOD and the Warfighter by utilizing map-based modeling and simulation to support tactical decision making by military planners in training and operational scenarios. The FY11 funding would be used for the continued development of modeling and simulation infrastructure at CSU.

Item: Combat Skills Marksmanship Trainer (CSMT)
Request: \$6.0 million
Suggested Recipient: Meggitt Training Systems, Inc., Suwanee, GA
Suggested Location of Performance (major portion of the work): Suwanee, GA

Purpose/Project Description: All Army Guardsmen are trained on CSMT systems annually as part of their annual weapons qualification training, due to lack of easy access to live fire ranges. This funding will meet the Army National Guard's immediate requirement to supply its soldiers with newer and more advanced training technology, since simulators are an integral part of the training requirement.

Item: Commissary at Dobbins Air Reserve Base

Request: \$20 million

Suggested Recipient: Defense Commissary Agency

Suggested Location of Performance (major portion of the work): Dobbins Air Reserve Base

Purpose/Project Description: Since the commissaries at Gillem and McPherson will close in FY11 and the commissary at Dobbins is not scheduled to be built for several more years, at this point there will be a several year period during which there will be no commissary in metro-Atlanta. These funds would be used to accelerate construction of the already approved Commissary at Dobbins Air Reserve Base which will serve the military community of metro-Atlanta.

Item: Composite Tissue Transplantation for Combat Wound Repair

Request: \$2,000,000

Suggested Recipient: Emory University Hospital

Suggested Location of Performance (major portion of the work): Emory Transplant Center, Emory University Hospital, Atlanta, GA

Purpose/Project Description: Transplantation technologies have recently been adapted to replace peripheral tissues, such as hands lost to trauma. The transplantation approach has been termed Composite Tissue Allotransplantation (CTA). It merges advanced surgical and immunological management and stands poised to provide curative repair for service men and women sustaining limb and tissue loss due to trauma. This effort would directly address the needs of wounded warriors.

Project Name: Control Tower/Base Ops Complex

Request: \$9.4 million

Project Location: Robins Air Force Base, GA

Project Description: This funding will construct a control tower to rectify the control tower cab space limitations, meet current mission requirements, and increase air traffic controller mobility. Funding will also construct a new Base Operations Complex to consolidate the base weather, air traffic control and landing system maintenance, host aviation records management, transient alert and staff offices along with the Control Tower into one consolidated location.

Item: DDG-51 Helo Hangar Door Upgrades

Request: \$3.6 million

Suggested Recipient: Jered, LLC, Brunswick, GA

Suggested Location of Performance (major portion of the work): Brunswick, GA and various other ports

Purpose/Project Description: DDG-51 helo hangar doors are failing at sea at an alarming rate, thus preventing the ship from being able to launch and recover its embarked helicopter. The DDG-51 Helo Hangar Door Upgrade Program will dramatically improve the

performance of the helo hangar door through the procurement of upgrade kits and increased spare parts.

Item: High Laser Damage Resistance Optical Coatings

Request: \$3.2 million

Suggested Recipient: Valdosta Optics Lab

Suggested Location of Performance (major portion of the work): Valdosta, GA

Purpose/Project Description: Directed energy weapons laser systems require optical coatings that tolerate high laser fluctuations. Valdosta Optics Laboratory, Inc. (VOLI) has invented a multi-functional optical coating system based on diamond-like carbon (DLC) for high energy, high power solid state laser applications. VOLI's optical coating system will result in improved energy efficiency, thermal management, compactness and output laser beam quality for high energy lasers.

Item: KC-130J

Request: \$79.0 million

Suggested Recipient: Lockheed Martin, Marietta, GA

Suggested Location of Performance (major portion of the work): Marietta, GA

Purpose/Project Description: These funds would procure one KC-130J tanker aircraft for the Marine Corps. The KC-130J are being used extensively in Iraq and Afghanistan to refuel Navy and Marine Corps aircraft. This additional aircraft was included on the Marine Corps FY11 Unfunded Programs List and will help ensure the readiness and operations for our deployed forces and their equipment in the combat theater.

Item: Low-Cost Miniature Radar for Hidden IED Detection

Request: \$6.0 million

Suggested Recipient: Aurum Platforms, Inc., Valdosta, GA

Suggested Location of Performance (major portion of the work): Aurum Platforms, Inc., Valdosta State University, and Valdosta Technical College

Purpose/Project Description: This program builds on existing patented Aurum Platforms Inc. radar prototype, to enable near-term deployment of U.S. Military fieldable, low-cost, miniature, radar-based improvised explosive device (IED) detection sensors to enable safe neutralization of this largest threat to U.S. soldiers. This project enables a lower cost alternative to detection of IED threats which injure and kill scores of U.S. soldiers.

Item: Maritime ISR Technology Center (MISRTC)

Request: \$6.0 million

Suggested Recipient: Georgia Institute of Technology, Atlanta, GA

Suggested Location of Performance (major portion of the work): Georgia Institute of Technology and various other locations

Purpose/Project Description: This program is in the interest of taxpayers because the threat posed from the maritime domain is real and recognized. The MISRTC will evolve maritime threat systems capabilities, demonstrate low-tech modifications to threat platforms that would defeat potential defensive measures, demonstrate capabilities for recognizing threat indications and warning, explore maritime ISR countermeasure technologies, provide insights into the

capabilities and shortfalls of systems of record, proposed gap fillers, and emerging technologies, and foster interagency information exchange and collaboration.

Item: Micro-Asymmetric Covert Waveform Radio (Micro-ACWR)

Request: \$4.8 Million

Suggested Recipient: Scientific Research Corporation

Suggested Location of Performance (major portion of the work): Atlanta, GA

Purpose/Project Description: Funding for this program will help develop a very small, low-cost and low-power radio that hosts the full transmit portion of the covert communications waveform with a limited receive portion, called a Micro-Asymmetric Covert Waveform Radio (Micro-ACWR). The Micro-ACWR device will be smaller in size, have better covertness and be much less expensive in production quantities than the current devices used for these missions and thus afford the warfighter better protection and reduce the cost for the taxpayers.

Project Name: Moody Fire/Crash Rescue Station

Request: \$10.7 million

Project Location: Moody Air Force Base, GA

Project Description: These funds will help Moody AFB acquire adequate fire protection capabilities for aircraft and facilities. Currently, Moody's lack of apparatus drive through bays increases structural response times by 2 minutes.

Item: Next Generation Automatic Test System (NGATS) Product Improvement Program

Request: \$3.0 million

Suggested Recipient: Southwest Research Institute, Warner Robins, GA

Suggested Location of Performance (major portion of the work): Warner Robins, GA

Purpose/Project Description: The current NGATS testing efficiency will not support the Army's growing demands. This funding will meet the army's goals of increasing mission availability of weapons systems by reducing repair times 25% to 50%, incorporating NGATS into the Army and DoD net-centric environments, using data available within the net-centric environment to increase tester efficiency and enable easy exchange of information between testers, and reducing projected costs of fielding and maintaining NGATS by allowing the Army to support our troops with fewer NGATS stations.

Item: Protein Hydrogel for Surgical Repair of Battlefield Injuries

Request: \$6.5 million

Suggested Recipient: CryoLife, Inc., 1655 Roberts Blvd NW, Kennesaw, GA 30144

Suggested Location of Performance (major portion of the work): CryoLife, Inc. and Various Hospitals across the USA

Purpose/Project Description: CryoLife has developed a formulation for an expanding, adhesive, foam sealant, known as BioFoam Protein Hydrogel which would provide military surgeons with a tool that achieves better sealing, faster hemostasis and improved soldier survival rates. The funds will be used to pay for the cost of the clinical trial required for product approval by FDA.

Project Name: Qualification Training Range

Request: \$8.4 million

Project Location: Fort Gordon, GA

Project Description: This funding will construct a Qualification Training Range which is used to train and test soldiers on the skills necessary to detect, identify, engage, and defeat stationary and moving infantry targets and stationary armor targets in a tactical array with their prescribed weapons.

Item: Rapid Audio Intelligence and Decision (RAID) Tool

Request: \$5.0 million

Suggested Recipient: Nexidia Inc. and Sierra-Nevada Corporation

Suggested Location of Performance (major portion of the work): Atlanta, GA and San Antonio, Texas

Purpose/Project Description:

Nexidia provides the ability to search and identify any spoken words or phrases and is built on a scalable architecture with a very small footprint that allows hundreds or thousands of lines to be monitored simultaneously on existing hardware.

Item: ROTC and Reserve Component Strategic Language HUB Pilot

Request: \$1.25 million

Suggested Recipient: North Georgia College and State University

Suggested Location of Performance (major portion of the work): North Georgia College and State University, Dahlonega, GA

Purpose/Project Description: Funding for this initiative is designed to graduate and commission significant numbers of ROTC students with advanced proficiency in DoD designated critical languages. It is also designed to meet unresourced Reserve Component (RC) critical language requirements for both basic and advanced language training in combination with the ROTC initiative.

Item: Suspended Harness Utilization Training Environment

Request: \$4.0 million

Suggested Recipient: Institute for Creative Technologies, Marina del Rey, CA

Suggested Location of Performance (major portion of the work): Marina del Rey, CA and Fort Benning, GA

Purpose/Project Description: This request would provide an interactive, versatile supplement to existing instruction for new trainees entering the Tower Week phase of their Airborne training, with a focus on providing a realistic sensory experience, while comparing and conforming trainees' physical and cognitive performance to expert standards. Using cutting edge sensory immersion, graphics, and an interface based on the proven Suspension Harness Trainer (SHT) system, SHUTE's performance objectives include increased transfer and retention of crucial flight-time skills, improved safety, and increased Jump Week ascension rates.

Item: T56 Series 3.5 Engine Upgrade Kit

Request: \$4.1million

Suggested Recipient: Rolls-Royce Corporation

Suggested Location of Performance (major portion of the work): Douglas, GA and Indianapolis, IN

Purpose/Project Description: The Department of Defense will operate an extensive fleet of T56 engines for the next twenty years. This kit reduces the total operating cost of T56 powered equipment by reducing fuel consumption by 8% and increasing time between turbine maintenance by greater than 30%. This will increase engine and aircraft availability to our men and women in uniform.

Item: Technology Development for Quiet Tactical UAV

Request: \$4.0 million

Suggested Recipient: Georgia Institute of Technology, Atlanta, GA

Suggested Location of Performance (major portion of the work): Georgia Tech, Fort Stewart and Benning, and Warner Robins AFB

Purpose/Project Description: In the proposed program, technologies will be developed to make tactical UAVs less detectable and better performing. The objective is to demonstrate a UAV that can operate in a stealthy manner that facilitates mission effectiveness.

Item: Telehealth Outreach for Psychological Services (TOPS)

Request: \$1.8 million

Suggested Recipient: Phoebe Putney Health System, Albany, GA 31701

Suggested Location of Performance (major portion of the work): Various

Purpose/Project Description: The proposed project would serve as a model for linking community mental health providers with military health professionals to increase the availability of mental health services to soldiers and veterans in need.. The use of early intervention through telemedicine may also lower overall healthcare costs, both to Georgia and the nation as a whole. This project will help meet the needs of wounded warriors.

Project Name: Weapons Storage Facility

Request: \$9.9 million

Project Location: MCLB Albany, GA

Project Description: This funding will help MCLB have secure storage commensurate with current Anti-Terrorism/Force Protection guidelines. It will also help prevent the degradation of supplies and minimize maintenance costs while processing through storage, maintenance, and distribution function.

AGRICULTURE

Advanced Irrigation Management, \$1,000,000, Flint River Soil and Water District

This project will facilitate the transfer of cutting edge irrigation water management technology from the research lab to the working farm for demonstration and commercialization purposes; and will thereby yield measurable results such as the conservation of water resources and improvement of the farm economy; as well as, benefits to rural agricultural regions such as job creation and economic development.

Aflatoxin Center of Excellence of the South, \$5,000,000, University of Georgia, Athens, GA

An integrated and focused approach to bring the benefits of biocontrol, resistant varieties, best management practices, and remediation technologies to address aflatoxin contamination of corn in the South.

Agriculture Energy Innovation Center, \$1,000,000, University of Georgia, Tifton, Georgia

The Agriculture Energy Innovation Center addresses the development and use of advanced technologies to improve the net output of food fiber and biofuels from our nation's farms through improved efficiencies and production.

Cereal Rust Disease Initiative, \$1,000,000

To fund a nationally coordinated initiative to support cooperative USDA-ARS and Land-Grant university cereal rust research efforts in twenty nine states where personnel, expertise, and facilities are already established to address the threat posed by highly virulent and aggressive new races of stem, leaf, and stripe rusts such as the rapidly spreading African Stem Rust (Ug99), that threaten world food stability and US production of barley, oats, and wheat.

Climate Forecasting, \$5,000,000, Florida State University, Tallahassee, Florida

The Southeast Climate Consortium (SECC), which encompasses the University of Georgia, Florida State University, University of Florida, University of Miami, Auburn University, the University of Alabama-Huntsville and North Carolina State University, has been at the forefront of research and extension for the application of climate predictions to risk reduction for agriculture and natural resources. The new tasks for FY2011 are to develop improved methods to forecast droughts and other extreme climate events. These forecasts will be incorporated into decision support systems to help agricultural, forest, and natural resource managers to reduce risks of losses.

Cotton Insect Management and Fiber Quality, \$350,000, University of Georgia, Tifton, Georgia

The purpose of the project is to improve cotton quality in Georgia through the discovery of the impacts of stinkbugs and other species in the cotton insect pest complex that reduce cotton yield, harvest efficiency and cotton fiber quality in modern cotton production systems under Georgia growing conditions.

Geographic Information System, \$3,000,000, South Georgia Regional Development Center, Valdosta, Georgia

To help rural America understand how to use geospatial technologies effectively so that better informed decision making can be brought to bear on the many land use, resource protection, economic development, disaster prevention, and management decision.

Georgia Soil and Water Conservation Commission Cooperative Agreement, \$3,000,000, Georgia Soil and Water Conservation Commission, Athens, Georgia

This project provides incentives for agriculture producers to wisely conserve water and to construct/repair agricultural water storage facilities.

Glyphosate Resistance Research, \$700,000, University of Georgia, Tifton, Georgia

The purpose of this project is to preserve conservation tillage practices and cotton, soybean and peanut production by developing tactics to economically manage glyphosate-resistant Palmer amaranth (pigweed) in Georgia.

Initiative to Improve Blueberry Production and Efficiency, \$250,000, University of Georgia, Griffin, Georgia, Tifton, Georgia

This initiative will provide Georgia blueberry growers and others across the Southeast with unbiased research to improve their production efficiency and quality of product delivered to consumers, which will enhance long-term economic viability of the industry.

National Beef Cattle Genetic Evaluation Consortium, \$1,800,000, University of Georgia, Athens, Georgia

Given the size of the beef industry and continued increases in the demand for U.S. beef, research that results in economically and environmentally sustainable beef production systems will continue to play a key role in the industry. The goal of the project is to support collaborative research between the National Beef Cattle Genetic Evaluation Consortium, which includes Colorado State University, University of Georgia, and Cornell, and the U.S. Meat Animal Research Center in Clay Center, Nebraska.

Operation Oak Program, \$400,000, National Wild Turkey Federation, Edgefield, South Carolina

The Operation Oak Program is seeking a continued federal partnership to supply oak and other mast producing hardwood species seedlings to meet the needs of timber production and wildlife management and to reverse the decline of hardwood regeneration.

Peanut Genome Mapping, \$1,000,000, USDA-ARS Crop Genetics and Breeding Research Unit, Tifton, Georgia

The project would support a USDA-ARS/ University of Georgia partnership to sequence and map the peanut genome and develop molecular markers that can be used in marker-assisted breeding. A roadmap for peanut gene sequence, organization, and function will bring opportunities to help solve problems such as peanut allergy and to deliver new highly productive, high-quality, disease resistant varieties that can ensure sustainability of U.S. food production.

Phytophthora Research, \$240,000

Phytophthora capsici is a disease that causes root, crown and fruit rot on a number of vegetable crops in the U.S. including cucurbit crops, solanaceous crops and snap beans. This problem will be addressed through efforts to elucidate the role of certain cultural practices such as irrigation and mulching, the efficacy of fungicides and other disease-suppressive amendments, the level of resistance available in cucurbits and peppers, and development of strategies for detecting the disease in irrigation water and other sources.

Richland Creek Reservoir, \$1,000,000, Paulding County Board of Commissioners, Dallas, Georgia

Richland Creek Reservoir is a public water supply reservoir that is being proposed to fulfill Paulding County's water supply needs for the next 50 years. The project will be a pump-fill reservoir located within the upper reaches of Richland Creek in northern Paulding County.

Tri-State Peanut Research, \$600,000, Auburn University, Auburn Alabama

The project is a collaboration of Georgia, Alabama, and Florida researchers to develop and demonstrate sustainable and profitable well-managed row cropping systems that are integrated with forage systems. Using row-crop/livestock integrated systems will reduce pests and improve yields and profitability while reducing pesticide inputs. Environmental benefits such as carbon sequestration will also be significant.

Veterinary Medical Services Act, \$6,000,000, U.S. Department of Agriculture, Washington, DC

The National Veterinary Medical Services Act extends veterinary services to rural and other underserved areas that currently struggle to attract young veterinarians through loan repayment incentives, as well as creates a reserve corps of veterinarians available for mobilization by USDA-APHIS in the event of a major animal or zoonotic disease outbreak.

Water Use Efficiency and Water Quality Enhancement, \$350,000 University of Georgia, Tifton, Georgia

The purpose of the project is to develop the next generation precision irrigation application technologies for large scale irrigation users such as agriculture and golf courses. Integration of sensors and wireless technologies into variable rate irrigation systems will allow for automation and greatly increased efficiency and security. Research and development has been greatly enhanced by quickly moving prototype systems onto commercial cotton and peanut farms.

Water Use Reduction, \$1,200,000, National Peanut Research Lab, Dawson, Georgia

The goal of this project is to promote wise use and conservation of agricultural water supplies through applied field research. Improving irrigation efficiency will result in less water used per acre, while maintaining or increasing agricultural net returns. Ongoing and continual research provides agriculture producers with opportunities to upgrade and make improvements to their irrigation management

STATE, FOREIGN OPERATIONS AND RELATED PROGRAMS:

**Spelman College – Critical Global Languages and Area Studies Initiative
Atlanta, GA**

Amount: Not Specified

Purpose: To develop students with advanced proficiency in languages and knowledge about regions critical to U.S. national security, diplomacy, intelligence, and economic competitiveness.

**Morehouse College – Critical Languages Program
Atlanta, GA**

Amount: Not Specified

Purpose: The Critical Languages Program seeks to build domestic capacity in minority students in languages and cultures vital to U.S. national and economic interests.

INTERIOR, ENVIRONMENT AND RELATED AGENCIES

City of Atlanta - Sewer System Rehabilitation, \$ 2,000,000 - Atlanta, GA:

Provide sewer capacity relief to capture more stormwater and sewage flows and associated flood relief.

Excessive overflows from the combined sewer system, coupled with sanitary sewer overflows and leaks in the separated area, are seriously impacting the metropolitan Atlanta regional water quality. Continued rapid growth in the metropolitan area, and the daily influx of commuters from surrounding areas into the City, exacerbate the adverse impact during extreme events. The proposed project would improve surface water quality by providing combined sewer capacity relief to capture more stormwater and sewage flows and associated flood relief in several areas of the City.

Chattahoochee National Forest, \$3,000,000 - Lumpkin County, GA

To acquire lands within the Chattahoochee-Oconee National Forest. This project will help preserve our natural resources in Georgia and protect valuable watersheds.

Chattahoochee River National Recreation Area, \$3,620,000 - Forsyth County, GA:

The National Park Service will acquire two properties, totaling 36.5 acres for addition to the Chattahoochee River National Recreation Area. This project will help preserve our natural resources in Georgia and protect valuable watersheds.

City of Dahlonega - Sewer Rehabilitation Project, \$1,072,500 - Dahlonega, GA:

Project is necessary to provide for wastewater needs of residents and businesses in the community. Dahlonega's continued growth continues to press the wastewater demands.

Georgia Soil and Water Conservation Commission - Stream Bank Restoration, \$500,000 - Athens, GA:

Accelerate stream bank restoration and restore riparian buffers. These efforts provide incentives to approved landowners for practices which improve riparian buffers, repair stream banks, protect threatened and endangered species, and provide long-term protection of streams and water quality in Georgia through 10-year agreements.

Paulding County - Airport Sewer Outfall Line, \$1,424,500 – Paulding County, GA:

The proposed project is an effort for Paulding County to extend sewer service to the new Paulding County Regional Airport and Industrial Complex. This area of Paulding County currently has no access to sewer service.

Rockdale County – Retrofit of Wastewater Facility, \$1,925,000 – Rockdale County, GA:

To retrofit the Almand Branch Wastewater Treatment Plant in order to achieve efficiency, reduce costs, use less chemical products, and generate methane gas to be used for energy production.

City of Rome – Etowah River Raw Water Intake, \$2,000,000 – Rome, GA:

The proposed project replaces Rome's inadequate raw water intake and pump station on the Etowah River and provides a new transmission main to a new pretreatment facility at the existing Hamler Water Treatment Plant.

City of Roswell - Big Creek Watershed Improvements, \$1,760,000 – Roswell, GA:

The purpose of the project is to provide up to date information in the Big Creek Watershed, and implement desired improvements to manage stormwater and improve water quality, including water intake and sub-basin rehab.

City of Valdosta – Wastewater Rehabilitation, \$1,787,500 – Valdosta, Georgia:

Project will replace failing sewer infrastructure with more energy efficient automated monitoring and control systems.

Walker County – Armuchee Valley Water Project, \$2,000,000 – Walker, Chattooga, and Floyd Counties, GA:

The proposed project would construct system improvements, including developing Regal Springs into a water supply for a tri-county area (Chattooga, Floyd and Walker), water storage, pumping, and water distribution facilities.

ENERGY AND WATER

City of Albany – Westside Interceptor Improvements, \$2,000,000 – Albany, GA:

To allow for the reconstruction of a multi-mile section of the pipe to make the system structurally sound and disaster resistant. The Georgia Environmental Protection Division has encouraged the City to begin this project as soon as possible to avoid waste spills into the Flint River.

Army Corps of Engineers – Atlantic Intracoastal Waterway, \$3,000,000 – Savannah, GA:

For maintenance dredging and dredge spoil site management to keep the AIWW safe for navigation and open for Short Sea Shipping.

Army Corps of Engineers - Savannah Harbor Expansion Project, \$105,000,000 – Savannah, GA:

To deepen the Savannah River Federal Navigation Channel from a depth of 42 feet up to a depth of 48 feet.

City of Atlanta – Environmental Infrastructure, \$ 5,000,000 – Atlanta, GA:

To improve surface water quality by providing combined sewer capacity relief to capture more stormwater and sewage flows and associated flood relief in several areas of the City.

City of Columbus - Chattahoochee Fall Line Ecosystem Restoration Project, \$2,000,000 – Columbus, GA:

To restore habitat for aquatic species including the striped bass, American eel, shad, and Alabama shad, and natural white water. Restoration actions include the removal of two low-head underutilized dams from the Chattahoochee River.

City of East Point – Flood Control and Environmental Infrastructure \$1,000,000 – East Point, GA:

In conjunction with critical sanitary sewer line repairs, the City of East Point is undertaking measures to prevent flood events from eroding and undermining sewer and water infrastructure.

Georgia Institute of Technology – Institute for Data and High Performance Computing, \$2,000,000 – Atlanta, GA

For the creation of an Institution to focus on job creation and workforce development in utilizing high performance computing equipment.

Georgia Southern University – Renewable Energy Laboratory, \$423,311 – Statesboro, GA:

For the development of a renewable energy laboratory to conduct research in the formulation, generation, transfer and combustion of bio-fuels to address the production requirements for viable and sustainable energy substitutes derived from organic materials.

Metropolitan North Georgia Water Planning District, \$3,000,000 – 15-county area: Bartow, Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Fulton, Forsyth, Gwinnett, Hall, Henry, Paulding, and Rockdale Counties:

To help local governments meet water resource plan requirements and be used for various stages of design and construction for several water projects including watershed management, wastewater treatment, and water conservation.

Morehouse College – Minority Energy Science Research and Education Initiative, \$2,000,000 – Atlanta, GA:

To assist in developing capacity and additional minority participation in the STEM disciplines and the research sciences. This project will continue to increase minority research scientists to ensure an adequate supply for the workforce and technology needs to remain competitive into the 21st century.

Morehouse College – Martin Luther King, Jr. Research and Education Initiative, \$2,000,000 – Atlanta, GA:

To develop a program to catalogue and preserve these important works, and to develop a program of scholarly research and collaboration so that Dr. King's message and teachings can be better understood by the world.

City of Toccoa - Infrastructure Improvement, \$2,000,000 – Toccoa, GA:

To construct an adequate water delivery and wastewater collection system.

Town of Turin, Town of Sharpsburg – Water Resource Development and Infrastructure Improvements, \$2,000,000 – Turin, GA and Sharpsburg, GA:

To develop a new potable water supply and to construct water system infrastructure and drainage improvements.

University of Georgia – UGA Biofuels, Biopower, and Biomaterials Initiative, \$2,307,200 – Athens, GA:

To develop technologies for converting biomass into biofuels and bioproducts in an economically and environmentally sustainable manner.

COMMERCE, JUSTICE, SCIENCE

City of Brunswick PD – Gunshot Location System, \$750,000 – Brunswick, GA:

To acquire technology that will allow for police to more effectively respond to gun-related crime through real time detection. This program would serve as a much needed force multiplier and crime deterrent in an area with high gun-related crime.

City of College Park – Law Enforcement Video Patrol, \$500,000 – College Park, GA:

To expand the City's existing law enforcement video patrol system to more efficiently utilize patrol officers and resources where they are needed most. This program would serve as a much needed force multiplier and crime deterrent.

City of Macon – Emergency Communications System, \$800,000 – Macon, GA:

To replace/update the City of Macon's public safety and first responder communications system that currently suffers from disruptions in service and is plagued by maintenance problems. This would provide a more reliable means of communication for public safety officials in not only the City of Macon, but also all of Bibb County.

City of Moultrie – R.D. Smith After School Program, \$300,000 – Moultrie, GA:

To expand the city's community-based violence prevention/youth development program, which provides trained instructors with a proven youth development curriculum, violence prevention materials, and professional community speakers to help children grow to be productive members of the community.

Cobb County – Regional Communications Interoperability Network, \$500,000 – Marietta, GA:

To upgrade Cobb County's existing radio operating system so that all systems and sites are able to communicate more effectively with neighboring law enforcement agencies.

DeKalb County – Crime Reduction through Video Surveillance Project - \$500,000 – Tucker, GA:

To assist the DeKalb County Police Department to equip each of its five precincts with sufficient video surveillance capabilities to help eliminate gun violence and drug activity. This increase in video surveillance will serve as a force multiplier and violence deterrent.

Fulton County – Highway Narcotics Interdiction Team, \$500,000 – Atlanta, GA:

To support one-time costs to establish Highway Narcotics Interdiction Team in Fulton County targeting two areas (Interstate 85 and Interstate 20) identified by the Drug Enforcement Agency as high contraband trafficking thoroughfares.

Georgia Meth Project, \$250,000 – Atlanta, GA:

To provide for a large-scale, statewide prevention and public awareness program designed to reduce the prevalence of first-time methamphetamine abuse in Georgia.

Gwinnett County PD – Police Department Technology Upgrade, \$500,000 – Lawrenceville, GA:

To acquire improved tools and equipment to assist law enforcement officers (first responders) so that they may provide for public safety in a more safe and efficient manner.

Rockdale County Sheriff's Office – Law Enforcement Data Network, \$188,000 – Conyers, GA:

To continue to increase technological capabilities for deputies through the acquisition of key components that would build upon the present mobile data system.

Spelman College – Women in Science and Engineering (WISE) Scholars Program, \$100,000 – Atlanta, GA:

To provide scholarship and high impact academic support for highly qualified students studying the physical sciences, mathematics, or dual degree engineering.

Zero to Three: Douglas County – Douglas County Court Team for Maltreated Infants and Toddlers, \$200,000 – Douglassville, GA:

To increase awareness about the negative impact of abuse and neglect on very young children and to change local systems to improve outcomes and prevent future court involvement in the lives of very young children.

FINANCIAL SERVICES AND GENERAL GOVERNMENT

University of West Georgia - Small Business Help Center, \$600,000 - Carrollton, GA

Funding will be used to fully fund a small business help center partially funded in the FY 10 appropriations bill to assist small business through counseling, a resource information exchange, and distance learning opportunities for entrepreneurs and small business ventures.

City of College Park - Entrepreneurial Development Center, \$425,000 – College Park, GA

To connect entrepreneurial needs with qualified community, state, and federal resources and to provide guided professional and business direction. The EDC helps entrepreneurs maximize their success by helping them navigate resources, strengthen knowledge, improve skills, form strategic alliances, and secure proper capitalization.